



Practitioner's Docket No. 2002DE428

JCO7 Re PCT/PTO 0 4 APR 2005  
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re application of: Tobias RAU et al.

Examiner:

Application No.: 10/523,746

Group No.: 1724

Filed: 02/04/2005

For: COLLECTOR FOR SULFIDE ORES

Commissioner for Patent  
P.O. Box 1450  
Alexandria, VA 22313-1450

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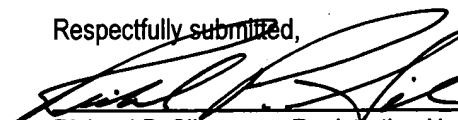
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Dear Sir:

In accordance with the duty of disclosure provisions of 37 CFR §1.56, there is hereby provided certain information which the Examiner may consider material to the examination of the subject U.S. patent application. It is requested that the Examiner make this information of record if it is deemed material to the examination of the subject application. No admission is made that the information cited in this Statement is, or is considered to be, material to patentability nor a representation that a search has been made (other than search report(s) from a counterpart foreign application or a PCT International Search Report, if submitted herewith).

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  - 1b. ☒ Copies of Information Disclosure Statement citations.
  - 1c. ☒ PCT or EP Search Report .PCT/EP 03/07966, Dated 02/09/2004
  - 1d. ☐ Copies of Co-pending U.S. Applications.
2. ☐ This Information Disclosure Statement is filed under 37 CFR §1.97(b) with the filing of the U.S. patent application. Accordingly, no fee or §1.97(e) Statement is required.
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7. ☒ The English language documents identified by reference in the TRANSLATION Section of the foreign patents list of the attached 1449 Form are believed to be a concise statement, or the equivalent or substantial equivalent to the foreign language documents cited in the attached 1449 Form.
8. ☐ In addition to the documents cited, the Office's attention is directed to the following co-pending U.S. Application Serial Number(s), copies of which are attached for the convenience of the Office:

Respectfully submitted,

  
Richard P. Silverman, Registration No. 36,277

**CUSTOMER NO. 25,255**

Clariant Corporation, Industrial Property Department, 4000 Monroe Road, Charlotte, North Carolina 28205  
Telephone: 704/331-7156, Facsimile: 704/331-7707

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 1 of 2

**Complete if Known**

|                        |            |
|------------------------|------------|
| Application Number     | 10/523,746 |
| Filing Date            | 02/04/2005 |
| First Named Inventor   | Tobias RAU |
| Art Unit               | 1724       |
| Examiner Name          |            |
| Attorney Docket Number | 2002DE428  |

**U. S. PATENT DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Document Number                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|--------------------|-----------------------|--|--------------------------------|--|---|
|                    |                       | Number-Kind Code <sup>2</sup> (if known) |                                |  |   |
|                    | AA                    | US- 4,699,711                            | 10/13/1987                     | Bergmann   |   |
|                    | AB                    | US- 4,699,712                            | 10/13/1987                     | Unger  |   |
|                    | AC                    | US- 4,822,483                            | 04/18/1989                     | Klimpel  |   |
|                    | AD                    | US- 2,004,099,836                        | 05/27/2004                     | Hesse  |   |
|                    | AE                    | US-                                      |                                |  |   |
|                    | AF                    | US-                                      |                                |  |   |
|                    | AG                    | US-                                      |                                |  |   |
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**FOREIGN PATENT DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Foreign Patent Document   | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear | T <sup>6</sup>                      |
|--------------------|-----------------------|---|--------------------------------|--|---|-------------------------------------|
|                    |                       | Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known) |                                |  |   |                                     |
|                    | BA                    | GB 2 267 851  | 12/22/1993                     | Lambert  |   | <input type="checkbox"/>            |
|                    | BB                    | DE 36 29 269  | 03/10/1988                     | Hoechst  |   | <input checked="" type="checkbox"/> |
|                    | BC                    | DE 4040475  | 07/14/1991                     | Hoechst  |   | <input type="checkbox"/>            |
|                    | BD                    | WO 02/38277   | 03/16/2002                     | Clariant   | See AD above  | <input type="checkbox"/>            |
|                    | BE                    |   |                                |  |   | <input type="checkbox"/>            |

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| First Named Inventor   | Tobias RAU |
| Art Unit               | 1724       |
| Examiner Name          |            |
| Attorney Docket Number | 2002DE428  |

Sheet 2

of

2

**NON PATENT LITERATURE DOCUMENTS**

| Examiner Initials* | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup>           |
|--------------------|-----------------------|---|--------------------------|
|                    | CA                    | FLORENCE KLEE et al., "Thiophosphoric Acid Derivatives of Ethylamine, dl-Methionine, and l-Proline Ethyl Esters", J. of Pharmaceutical Sci., vol. 51, 1962, pp 423-427  | <input type="checkbox"/> |
|                    | CB                    | CHEN HU, HUAXUE XUEBAO, (BEILSTEIN ONLINE - REACTION IDS: 183831; 662317; 72722; 68756; 854051), (1956) vol 22, page 219  | <input type="checkbox"/> |
|                    | CC                    | BA KHASKIN, et al., J. Gen Chem, (BEILSTEIN ONLINE-REACTION IDS: 1165436; 1222107; 1222083; 895279). Vol. 43, 1973, page 1901, USSR   | <input type="checkbox"/> |
|                    | CD                    | HEINRICH SCHUBERT, "Aufbereitung fester mineralischer Rohstoffe", Band II, 1977, pages 296-305  | <input type="checkbox"/> |
|                    | CE                    | English Abstract of DE 40 40 475, 07/04/1991  | <input type="checkbox"/> |
|                    | CF                    |   | <input type="checkbox"/> |
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